28099
RECORDERS OFFICE, USA,
Madison County, Montana,
Filed Dec 31, 1963

By
Deputy

Edgar C. Stewart
STATE ENGINEER
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Well Drilled</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. Forest Service</td>
<td>Ennis, Montana</td>
<td>Drilled</td>
<td>April 1, 1959</td>
<td>April 30, 1959</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location: Sec T R</th>
<th>Remarks:</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 6S 1/4 sec.</td>
<td>Cased to 129' : Open hole to 135'</td>
</tr>
</tbody>
</table>

Type of well: Drilled

Equipment used: Drill

Water use: Domestic [X] Municipal Stock Irrigation

Casing: 0 ft. to 129 ft. Type: 24.7# Size: 8"

Perforated or Screened: Ft. to Ft. Ft. to Ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 32 feet.

Shut-in pressure, for flowing well: 32 lb./sq. in. on: (date)

Pumping water level: 32 feet at 100 gal. per min.

How tested: Test pump was ample size to move all the water for full length of column

Length of test 6 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Cased to 129' : Open hole to 135'
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 2</td>
<td>Soil or Surface Dirt</td>
</tr>
<tr>
<td>2 - 9</td>
<td>Silt</td>
</tr>
<tr>
<td>9 - 15</td>
<td>Gravel (Cobble)</td>
</tr>
<tr>
<td>15 - 25</td>
<td>Gravel (Pebble &amp; Cobble)</td>
</tr>
<tr>
<td>25 - 32</td>
<td>Clay Bound Sand</td>
</tr>
<tr>
<td>32 - 86\frac{1}{2}</td>
<td>Sandy Clay</td>
</tr>
<tr>
<td>86\frac{1}{2} - 88</td>
<td>Shalelike Sand</td>
</tr>
<tr>
<td>88 - 129</td>
<td>Clay</td>
</tr>
<tr>
<td>129 - 134</td>
<td>Hard Clay or Shale Sand</td>
</tr>
</tbody>
</table>

Descriptive of Material Drilled
**Declaration of Vested Groundwater Rights 9-19-63**

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Rights 9-19-63**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Name of Appropriator:** P.T. Hacker
   **Address:** (Address)
   **Town:** (Town)

2. **County of:** Madison
   **State of:** Montana

3. **The beneficial use on which the claim is based:** Domestic

4. **Date or approximate date of earliest beneficial use, and how continuous the use has been:**
   Since 1962

5. **The amount of groundwater claimed (in miner's inches or gallons per minute):** 50 G.P.M.

6. **The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:**
   Electric Pump

7. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:**
   1963

8. **The depth of water table:** 30 feet

9. **So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:**
   Well, 75 feet deep, Pumping casing with 6 inch steel casing, around 25 feet of water in casing

10. **The estimated amount of groundwater withdrawn each year:** 295,000 gallons

11. **The log of formations encountered in the drilling of each well if available:**
    """
    Unavailable
    """

12. **Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:**
    """
    """

**Signature of Owner:**

**Date:** 9/19/1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1952)

P. T. Blacker
(Name of Appropriator)

of
(Address)

Lunie
(Town)

County of Madison
(State of Montana)

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Name of Appropriator

2. The beneficial use on which the claim is based:  

   Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since then:

   Stock Water only

4. The amount of groundwater claimed (in miner's inches or gallons per minute):

   20 G.P.M.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:

   Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:

   Feb. 1954

8. The depth of water table:

   15 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:

   Well 36 feet deep, capped with black steel casing, 8 ft. diameter in well.

10. The estimated amount of groundwater withdrawn each year:

    10,000 gallons

11. The log of formations encountered in the drilling of each well if available:

    Information not available.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

    Information not available.

Signature of Owner

Date:

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

Under Chapter 237, Montana Session Laws, 1961

Owner: Charles Clouser, Address: Cotton, California

Date of Notice of appropriation of groundwater: Nov. 21, 1968

Tract 12 in Cowley's Acres, Tracts in NW¼ NW¼ Sec. 9, T. 6 S., R. 1 W.

Top of Ground
(Elev. above sea level)

0-2 soil
2-4 rock
15-20. rock & sand
20-26. clay & gravel
26-30 sand & rock
30-35. clay & gravel
35-39 sand & rock
50-52 sand & rock
50-55 sand & rock
55-70 clay & sand
70-85 clay & sand
85-90 clay coarse sand & water
90-93. clay & gravel

Bottom of well 93'

Show exact depth of bottom.

Tract 12 in Cowley's Acres, Tracts in NW¼ NW¼ Sec. 9, T. 6 S., R. 1 W.

Driller: Harold Kulharte, Address: Rosel, Bozeman, Mont.

Purpose of Well: Domestic • Municipal • Stock • Irrigation • Industrial • Drainage • Other

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>6. 5/6</td>
<td>31 6&quot;</td>
<td>85&quot;</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level: 22 feet

Discharge in gal. per min. of flowing well

40 gal. per minute

How Tested: Bailer & Pump

Length of Test: 2 hr. bailer

Remarks: (Gravel packing, cementing, packers, type of shutoff)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's Signature: Harold Kulharte

Driller's License Number: 497
**STATE OF MONTANA**
**ADMINISTRATOR OF GROUNDWATER CODE**
**MONTANA WATER RESOURCES BOARD**

**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

**Owner:** John Cochrane and Dorothy A. Cochrane

**Address:** Ennis, Montana

**File:** 19344

**File:** August 4, 1971

**File:** 11:15 P.M.

**Date well started:** 5/26/71

**Date well completed:** 6/29/71

**Type of well:** Drilled

**Equipment used:** Cable tool

**Water Use:**
- Domestic
- Irrigation
- Stock
- Municipal
- Industrial
- Drainage
- Other
- Garden/Lawn

**Describe USE:** If used for irrigation, industrial, drainage or other. Explain. State number of acres and location or other data (i.e. Lot, Block and Addition).

**ESTIMATED ANNUAL WITHDRAWAL:**

<table>
<thead>
<tr>
<th>Size of Borehole</th>
<th>Size and Weight of Cutting</th>
<th>Down</th>
<th>To (Ft)</th>
<th>Percor...</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>17&quot;</td>
<td>+1</td>
<td>69&quot;</td>
<td>9&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>N</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Static water level</td>
</tr>
<tr>
<td></td>
<td>Pumping water level</td>
</tr>
<tr>
<td></td>
<td>at $,$ 30 $,$ gallons per minute, measured minutes after pumping began.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kind</th>
<th>Rate (GPM)</th>
<th>Remarks: (Gravel packing, cementing, packers, type of shutoff)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Power:**
- Pump
- 1/2 horsepower

**Remarks:**
- Gravel packing, cementing, packers, type of shutoff

**Well located on Lot 12, blk. 7, Comley's Add to Ennis.**

**Comley's Add to Ennis:**
- INDI... LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

**Driller's Signature:**

**Driller's Address:** Poste Drilling and Developing

**Route:** Ennis - Bozeman, Montana

**LICENSE NO.: 190**

**Top of Ground**

<table>
<thead>
<tr>
<th></th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>23</td>
<td>26</td>
</tr>
<tr>
<td>26</td>
<td>36</td>
<td>39</td>
</tr>
<tr>
<td>39</td>
<td>50</td>
<td>52</td>
</tr>
<tr>
<td>52</td>
<td>65</td>
<td>65</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Show exact depth of bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/8830</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1963)

W. H. & Amy M. Comley of Box 209, Ennis

County of Madison, State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Name of Appropriator: W. H. & Amy M. Comley
   Address: Box 209, Ennis

2. The beneficial use on which the claim is based: Irrigation

3. Date or approximate date of earliest beneficial use; and how continuously the use has been maintained since that time: September 15, 1959

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 gallons per minute

5. If used for irrigation, give the name and description of the lands on which water has been applied and name of the owner thereof:
   Tract 34, Sec. 2, T. 49 N., R. 121 W.
   Owner: W. H. & Amy M. Comley

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August 25, 1959, completed

8. The depth of water table: 50 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   - Well 1, 150 feet deep, sandstone, 6 inch casing
   - Well 2, 100 feet deep, sandstone, 6 inch casing

10. The estimated amount of groundwater withdrawn each year: 200,000 gallons

11. The log of formations encountered in the drilling of each well if available: Sandstone, soft sand

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:
   - Well 1, log
   - Well 2, log

Signature of Owner: W. H. Comley
Date: 1-4-63

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
W. H. V.  Army M. County

RECORDER'S OFFICE, W. H. V. Army M. County, Montana.

Filed: 6/19/16

By: Deputy

26847
<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
<td>David A. Dougherty</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>Butte, Montana</td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
<td>6/28/55</td>
</tr>
<tr>
<td><strong>Date Completed</strong></td>
<td>7/6/55</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Sec. 6 T. 65 R. 1 W. 4 sec. NW</td>
</tr>
<tr>
<td><strong>Type of well</strong></td>
<td>§ (Dug, driven, bored, or drilled)</td>
</tr>
<tr>
<td><strong>Equipment used</strong></td>
<td>Churn drill</td>
</tr>
<tr>
<td><strong>Water use</strong></td>
<td>Domestic, Municipal, Stock, Irrigation</td>
</tr>
<tr>
<td><strong>Casing</strong></td>
<td>0 ft. to 64 ft.</td>
</tr>
<tr>
<td><strong>Type</strong></td>
<td>Black steel</td>
</tr>
<tr>
<td><strong>Size</strong></td>
<td>6.000D</td>
</tr>
<tr>
<td><strong>Perforated or Screened</strong></td>
<td>0 ft. to 14 ft.</td>
</tr>
<tr>
<td><strong>Static Water level, for non-flowing well</strong></td>
<td>29 ft.</td>
</tr>
<tr>
<td><strong>Shut-in pressure, for flowing well</strong></td>
<td>10 lb./sq. in. on: (date)</td>
</tr>
<tr>
<td><strong>Pumping water level</strong></td>
<td>7.0 feet at 8 gal. per min</td>
</tr>
<tr>
<td><strong>Length of test</strong></td>
<td>30 minutes</td>
</tr>
<tr>
<td><strong>Remarks</strong></td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Bozeman, Montana

WATER WELL LOG

Owner: David A. Dougherty
Address: 320 South Montana

Driller: J. J. Kerckvilt
Address: 1124 East 4th

Date Started: 6/23/53
Date Completed: 6/28/53

Location: Sec. 9 T. 65 R. 1 N., W. 4 sec. NW

Type of well: [ ] Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ] Industrial [ ] Drainage [ ] Other

Casing: [ ] ft. to [ ] ft.
Type: [ ] pipe [ ] steel [ ] tile [ ] Other

Perforated or Screened: [ ] to [ ] ft.
Type: [ ] pipe [ ] steel [ ] tile [ ] Other

Static Water level: [ ] feet

Shut-in pressure, for non-flowing well: [ ] feet
Pumping water level: [ ] feet at [ ] gal. per min.

Remarks: [ ] (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

[ ] Hole test

Length of test: [ ] minutes

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 13</td>
<td>Clay with Sand &amp; Gravel</td>
</tr>
<tr>
<td>13 - 56</td>
<td>Clay with some sand</td>
</tr>
<tr>
<td>56 - 65</td>
<td>Clay</td>
</tr>
<tr>
<td>65 - 70</td>
<td>Clay with Sand &amp; Gravel</td>
</tr>
</tbody>
</table>

**Note:**
- **Description of Material Drilled**
- Log of Well
- **Date:** 1983
- **Location:** Russell, Montana
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Clay with Sand &amp; Gravel</td>
</tr>
<tr>
<td>90</td>
<td>Clay with some Sand</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>70</td>
<td>Clay with Sand &amp; Gravel</td>
</tr>
</tbody>
</table>

**PROPRIETORS OFFICE**

**1903**
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1961

(Under Chapter 237, Montana Session Laws, 1961)

OWNER: L. L. Duffy
Address: 231, Montana
Driller: Harold Hulbert
Address: Rt 1, Bozeman, Mont
Date of Notice of appropriation of groundwater: Oct 1968
Date well started: Oct 1968
Date well completed: Nov 11, 1968

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Show exact depth of bottom.

Lot 3, Comley Subdivision N.W. 1/4, Sec. 14, T. 41 N. R. 1 W.

Driller's License Number

Driller's Signature

44-823
39683

RECEIVED FILED
By

Madison County, Montana.

December 2 1968

Edward Bradley
County Recorder

Fee $2.00

[Signature]

Deputy
Notice of Completion of Groundwater Appropriation by Means of Well

(Please answer all questions. If not applicable, so state, otherwise the form may be returned.)

**Owner:** Harry Hubert Keyser
**Address:** 46031

**Date well started:** July 12, 1971
**Completed:** July 15, 1971

**Type of well:** Drilled

**Equipment used:** Churn drill (drill, driven, bored or drilled)

**Water Use:** Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

**Describe USE:** If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

---

### ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Power (HP)</th>
<th>Remarks: (Gravel packing, cementing, packers, type, etc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 1/2&quot; x 40 ft.</td>
<td>13' above ground</td>
<td>90'</td>
<td></td>
</tr>
<tr>
<td>5 1/2&quot; x 40 ft.</td>
<td>9.5'</td>
<td>105'</td>
<td></td>
</tr>
</tbody>
</table>

**PERFORATIONS**

<table>
<thead>
<tr>
<th>Kind of Casing</th>
<th>From (ft)</th>
<th>To (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 1/16&quot; SL-T</td>
<td>85&quot;</td>
<td>105&quot;</td>
</tr>
</tbody>
</table>

**Power**

- **Type:** Electric
- **Capacity:** 1/2 HP

**Remarks:** (Gravel packing, cementing, packers, type, etc.)

---

**Static water level:** 13 feet
**Pumping water level:** 105 feet

*Measured from ground level. Well developed by... hours.*

---

**INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.**

**Each small square represents 40 acres.**

---

**Driller's Signature:** Donald C. Jones
**Address:** 2107 Bridge Dr.

---

**LICENSE NO.**

---

**Show exact depth of bottom.**

---

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**MONTANA WATER RESOURCES BOARD**

**RECEIVED**

**COUNTY OF MEDICINE HAT**

**DRILLER'S LOG**

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.
## Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1959)

### Owner Information
- **Name:** J. R. McCarron
- **Address:** Butte, Mont.

### Driller Information
- **Name:** Gerald Stelcump
- **Address:** Ennis, Montana

### Date Information
- **Date of Notice of Appropriation:** July 23, 1962
- **Date Completed:** Aug. 6, 1962

### Well Information
- **Type of Well:** Drilled
- **Equipment Used:** Churn (dig, driven, bored or drilled)
- **Water Use:** Domestic □  Municipal □  Stock □  Irrigation □  Industrial □  Drainage □  Other □

### Diagram

![Diagram of well](image)

- **Top of Ground (Elev. above sea level):**
- **Drilled:** 24 ft. 2 in.
- **Soil:** 5 ft. 6 in.
- **Gravel & Rock:** 19 ft. 3 in.
- **Water Bearing Soil:**
- **Rock:**
- **Water Rising:**

### Table

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size of Drilled Hole</td>
<td>Size and Weight of Casing</td>
<td>From (Feet)</td>
<td>To (Feet)</td>
<td>PERFORATIONS</td>
</tr>
<tr>
<td>Six In. 6 5/8</td>
<td>Surface 58 ft.</td>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Measurements
- **Static Water Level for non-flowing Well:** 25 feet
- **Shut-in Pressure for Flowing Well:**...
- **Pumping Water Level:** 15 feet at 25 gal. per minute
- **Discharge in gal. per min. of flowing well:**...
- **How Tested:** Pump
- **Length of Test:** 12 hrs

### Remarks
- (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

### Additional Information
- **Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.**

### Locations
- **Indicate location of well and place of use, if possible. Each small square represents 10 acres.**

### Form Preparation
- **This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.**
- **Please answer all questions. If not applicable, so state, otherwise the form will be returned.**
- **Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriate.**
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1962)

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. JOSPEH MARTIN & MARJORIE MARTIN
   (Name of Appropriator) (Address) (Town)

   County of MADISON State of MONTANA

2. The beneficial use on which the claim is based: HOUSING

   WATER AND IRRIGATION

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: NOVEMBER 30, 1959 TO PRESENT DATE

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 18 GALLONS PER MINUTE

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereon: 1 ACRE TRACT 17 1/2 N. 1/2 R. 1 W. SEC. 9 T. 36 S. R. 1 W. JOSPEH AND MARJORIE MARTIN

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: WITHDRAWN BY PUMP—WELL IS LOCATED IN WELL HOUSE

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: WELL INSTALLED NOVEMBER 24, COMPLETED NOVEMBER 30, 1959

8. The depth of water table: 81 FEET (EIGHTY-ONE FEET)

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: CASING USED 7 1/2 INCH 0.065 WALL UP TO DEPTH OF 81 FEET: BORE 1 1/2 INCH 0.035 WALL 50 FEET DOWN; THEN 2 1/2 INCH 0.025 WALL 150 FEET MORE. WATER IS SALT-WATER WITH POPCORN, OYSTERS, AND SUGAR IN CONCENTRATION OF 500 PPM. WELL IS 198 FEET 6 INCHES DEEP TOTAL

10. The estimated amount of groundwater withdrawn each year: 100,000 GALLONS PER YEAR

11. The log of formations encountered in the drilling of each well if available: SOFT SANDSTONES, WITH SOME LAYERS OF COARSE SAND AND SILT

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: WELL DIGGER: MR. GEORGE STAHLUP OF ENNIS, MONTANA

Signature of Owner: JOSPEH MARTIN

Date: JULY 9, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
Recorder's Office,
Madison County, Montana.

Filed February 13, 1967

[Signature]
County Recorder

[Signature]
Deputy
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Driller</th>
<th>Location and Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clyde L. Yancy</td>
<td>Van Dyken drilling Co.</td>
</tr>
<tr>
<td></td>
<td>Bozeman, Mont.</td>
</tr>
</tbody>
</table>

Date of Notice of Appropriation of Groundwater: May 19/65

Date well started: May 29/65

Type of well: Drilled

Equipment Used: Cable tools

Date Completed: none

Water Use: Domestic □ Municipal □ Other □ Irrigation □

Industrial □ Irrigation □ Trailer Water □

---

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

---

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>6 ft. Clays</th>
</tr>
</thead>
<tbody>
<tr>
<td>61 ft.</td>
<td>Sand and gravels</td>
</tr>
<tr>
<td>24 ft.</td>
<td>Sands and fine gravels</td>
</tr>
<tr>
<td>35 ft.</td>
<td>Sands, 20 G.P.M.</td>
</tr>
<tr>
<td>41 ft.</td>
<td>Coarse Gravels, 25 G.P.M.</td>
</tr>
<tr>
<td>56 ft.</td>
<td>Clays, dry</td>
</tr>
<tr>
<td>68 ft.</td>
<td>Silty sands and gravels, 10 G.P.M.</td>
</tr>
<tr>
<td>68 ft.</td>
<td>Clays, dry</td>
</tr>
<tr>
<td>81 ft.</td>
<td>Claybound sands and gravels, 20 G.P.M.</td>
</tr>
<tr>
<td>126 ft.</td>
<td>Sandy shales, 3 G.P.M.</td>
</tr>
<tr>
<td>136 ft.</td>
<td>Coarse sand and gravel, 20 G.P.M.</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot; G.P.</td>
<td>0'</td>
<td>123'</td>
<td>2 slots</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>End</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>52&quot;</td>
<td>53&quot;</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Static Water Level for non-flowing Well</th>
<th>none</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in Pressure for Flowing Well</th>
<th>none</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping Water Level</th>
<th>60</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Discharge in gal. per min. of flowing well</th>
<th>none</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Air lift</th>
<th>2hrs.</th>
</tr>
</thead>
</table>

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

---

License No 1

Driller's License Number

Driller's Signature

License No 1
SAUER, Eugene, Pauline, Volker, & Lois, of P. O. Box 206, Ennis,

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. **SAUER, Eugene, Pauline, Volker, & Lois**
   - **Address**: P. O. Box 206
   - **Town**: Ennis
   - **County**: Madison
   - **State**: Montana

2. The beneficial use on which the claim is based: Domestic use & Garden irrigation & stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Prior to 1929. Specific date unknown. Has been used continuously since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
   - **SAUER, Eugene, Pauline, Volker, & Lois**
   - **Garden use** - NE$	ext{ }\frac{1}{4}$ Sec. 10, T. 66 R. NW

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   - **Small electric centrifugal pump**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Prior to 1929. Unknown

8. The depth of water table: Eight (8) Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   - Well is 34 feet deep and cased with 6" cast iron casing. The pump used for withdrawal is a small centrifugal pump - electric.

10. The estimated amount of groundwater withdrawn each year: 80,000 Gallons.

11. The log of formations encountered in the drilling of each well if available: Unknown

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

---

Eugene, Pauline, Volker, & Lois Sauer

Signature of Owner: Eugene Sauer

Date: December 30, 1968

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 227, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state; otherwise the form may be returned.

Owner

Address

Contractor (if any)

Address of Contractor

Date Started
Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.):

2. Means of withdrawing water (gravity, pump, canal, etc.)

3. Depth of water table

4. Use of the water

5. Amount of groundwater claimed (in miner's inches or gallons per minute)

6. If used for irrigation, give number of acres in Sections 2 and 11

7. Estimate amount of water used each year

8. Months of year spring flows

Signature of Owner

Date

INDEED...
Notice of Completion of Groundwater Appropriation by Means of Well

Developed after January 1, 1962

Under Chapter 237 Montana Session Laws, 1961; as amended

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable; so state, otherwise the form may be returned.

Owner: Dick Dunning
Address: Ennis, Montana
File: 45562
Date Drilled: Aug 2, 1971
Completed: Feb 9, 1972

Type of Well Drilled: Cable Tool

Water Use: Domestic

Equipment Used: Cable Tool

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Perforations:

5 ft. 10 thousands Stainless steel screen

60' sec.

65'

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller’s Signature: 
Driller’s Address: Butte, Montana
LICENSE NO.: 150

State of Montana
Administrator of Groundwater Code
Montana Water Resources Board

RECEIVED
AUG 31 1971

DELLER’S LOG

Measured from ground level.

Well developed by 40 HP automatic 2 hours. Pumping water level: 36 ft.

Power: 40 HP Pump

Remarks: (Gravel packing, cementing, packers, type of shut-off)
RECORDER'S OFFICE
Madison County, Montana

20 August 1921

[Signature]

Secretary

[Handwritten notes and text not legible]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Richard V. Dunning  Address: Box 44, Rimov, Mont.
Driller: Hollansteiner  Address: Miles, Mont.

Date of Notice of Appropriation of Groundwater: Aug. 17, 1965
Date Completed: Aug. 29, 1965

Type of Well: Drilled  Equipment Used: Churn Drill

Type of Water Use: Domestic  Other: Irrigation

Water Use: Domestic  Municipal  Other  Industrial  Drainage  Stock

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; black, 18.97 lb.</td>
<td>up to</td>
<td>53</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 251 feet.
Shut-in Pressure for flowing Well: 150 psi.
Discharge in gal. per min. of flowing well: 15 gal. per minute.
How Tested: Bailie  Length of Test: 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

<table>
<thead>
<tr>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

License No.: 9  Driller's License Number  
<table>
<thead>
<tr>
<th>License No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

Driller's Signature  

<table>
<thead>
<tr>
<th>Driller's Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hollansteiner</td>
</tr>
</tbody>
</table>

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

39484
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: HARRY L. KURFESS
Address: SHEERAN, MONT

Date of Notice of appropriation of groundwater:
Date well started: 7-39-65, Date completed: 7-39-65

Type of well: DRILLED
Equipment used: Drill tools
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drill</th>
<th>Form (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-12-FT</td>
<td>6/10</td>
<td>17 34</td>
<td>36</td>
</tr>
</tbody>
</table>

Seal: (in ink)

Remarks: (Gravel packing, cementing, pack-off, type of shutoff)

How Tested: BAILER
Length of Test: 1HR

Static Water Level for non-flowing well 14 feet
Shut-in Pressure for flowing wells

Discharge in gal. per min. of flowing wells

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

150
Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Date of Notice of appropriation of groundwater:
Date well started: 7-39-65, Date completed: 7-39-65

Type of well: DRILLED
Equipment used: Drill tools
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drill</th>
<th>Form (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-12-FT</td>
<td>6/10</td>
<td>17 34</td>
<td>36</td>
</tr>
</tbody>
</table>

Seal: (in ink)

Remarks: (Gravel packing, cementing, pack-off, type of shutoff)

How Tested: BAILER
Length of Test: 1HR

Static Water Level for non-flowing well 14 feet
Shut-in Pressure for flowing wells

Discharge in gal. per min. of flowing wells

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

150
Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237 Montana Session Laws, 1961, as amended)

**Bill McGlynn**

Cameron, Montana

**Owner**

**Potts, Drilling & Dev.**

R.R.FL, Boxman, Montana

**Driller**

Date of Notice of appropriation of groundwater: **Aug. 9, 1969**

Date well started: **Aug. 9, 1969**

Date completed: **Aug. 9, 1969**

Type of well drilled: **cable tool**

Equipment used: **(Dug, driven, bored or drilled)**

(Churn drill, rotary or other)

Water use: **Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐**

Indicate on the diagram the character and thickness of the different strata, met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6'</td>
<td>6'</td>
<td>7'</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5'</td>
<td>6'</td>
<td>7'</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well**

**Shut-in Pressure for Flowing Well**

**Pumping Water Level**

**Discharge in gal. per min. of flowing well**

<table>
<thead>
<tr>
<th>Type</th>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kg</td>
<td>150</td>
<td>190</td>
<td>250</td>
</tr>
<tr>
<td>Kind</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>From (Feet)</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>To (Feet)</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Length of Test</td>
<td>2 hours</td>
<td>2 hours</td>
<td>2 hours</td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shutoff)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**USE**

If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

**Indicate location of well and place of use, if possible. Each small square represents 40 acres.**

**Show exact depth of bottom.**

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

**Driller’s License Number**

**Driller’s Signature**

**A.D. 1969, at 11:00 o’clock a.m.**

**Filed for record this 17th day of December**

**Doc. No. hydrolog**

**State of Montana ADMINISTRATOR OF GROUNDWATER CODE STATE WATER CONSERVATION BOARD**

**Top of Ground**

(Elev. above sea level)

0 - 26 feet

Dirt, coarse overburden

26 feet

Static Water Level

26 - 34 feet

Loose, dirty brown sands

34 - 46 feet

Silty sand

46 - 51 feet

White clay

51 1/2 - 58 feet

Fine, silty sand

58 - 80 feet

Fine, sand and gravel

1969

7 hours

90 feet

2 hours

90 feet

2 hours

90 feet

(Continue on reverse side)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Revised Laws, 1961)

Owner: [Name]
Address: [Address]

Driller: Donald C. Skare
Address: [Address]

Date of Notice of appropriation of groundwater: [Date]
Date well started: [Date]
Date completed: [Date]

Type of well: [Type]
Equipment used: [Equipment]

Water use: [Use]

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

---

Static Water Level for non-flowing well: [Level] feet.
Shut-in Pressure for Flowing Well: [Pressure] feet at [Rate] gal. per minute.
Discharge in gal. per min. of flowing well: [Rate]

How Tested: [Method]
Length of Test: [Duration]
Remarks: [Details]

---

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

---

Driller's Licenses Number: [Number]
Driller's Signature: [Signature]

**Note:** This form is to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located. A copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Volker G. Saier  Address: Ennis, Mont.
Driller: Donald C. Jones  Address: Bozeman, Mont.

Date of Notice of Appropriation of Groundwater: July 6, 1964
Date well started: July 6, 1964
Date Completed: July 15, 1964

Type of well: Drill
Equipment Used: Chisel, Dril
(Slug, driven, bored or drilled)
(Chisel, drill, rotary or other)

Water Use: Domestic  Municipal  Other  Irrigation
Industrial  Domestic  Drainage  Stock

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>0</td>
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<td>60</td>
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<td>70</td>
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</tbody>
</table>

Static Water Level for non-flowing Well: 7 feet
Shut-in Pressure for Flowing Well: 96 psi
Pumping Water Level: 67 feet at 30 gal. per minute
Discharge in gal. per min. of flowing well: 180
How Tested: Pump
Length of Test: 1 Hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Jones Welding & Drilling Co.
Driller's License Number
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** John Vugovich  
**Address:** Empis

**Driller:** Edward Jones  
**Address:** Bismarck

**Date of Notice of Appropriation of Groundwater:** Dec. 17, 1965

**Date well started:** Jan. 30, 1964

**Type of well:** Drilled  
**Equipment Used:** Churn Drill

**Water Use:** Domestic □  
**Industrial □  
**Municipal □  
**Other □  
**Irrigation □

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From Ground</th>
<th>To Ground</th>
<th>Kinds of Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6'10.3'19</td>
<td>2'10.0'19</td>
<td>N on t</td>
</tr>
</tbody>
</table>

- Static Water Level for non-flowing Well: 68 feet.
- Shut-in Pressure for flowing Well: 134.5 feet at 30 gal. per minute.
- Discharge in gal. per min. of flowing well: 177.
- How Tested: Pump
- Length of Test: 1 Hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

---

Driller’s License Number  
**Driller’s Signature**  

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: J. D. Sheffield
Address: Ennis, Montana

Driller: Potts Drilling and Dev. Address: R.R.#. Rosedom, Mont.

Date of Notice of appropriation of groundwater: May 27, 1970
Date completed: May 27, 1970

Type of Well: Drilled
Equipment used: Cable tool
(Dug, driven, bored or drilled)
(Churn drill, rotary or other)

Water use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ]

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'</td>
<td>6' L.D.</td>
<td>+8'</td>
<td>72'</td>
</tr>
<tr>
<td></td>
<td></td>
<td>250 Well</td>
<td>17'</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 86 feet
Shut-in Pressure for flowing well
Pumping Water Level: 10 feet at 15 gal. per minute
Discharge in gal. per min. of flowing well

How Tested: Pumped
Length of Test: 30 min.
Remarks: (Gravel packing, cementing, packers, type of shutoff)

USE—If used for irrigation, industrial, drainage, or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller’s License Number

Fred W. Potts

Driller’s Signature

47962
<table>
<thead>
<tr>
<th>Date</th>
<th>Name</th>
<th>Address</th>
<th>Well Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-20-19</td>
<td>Alexander J. Baker</td>
<td>123 Main St</td>
<td>12345 Well</td>
</tr>
</tbody>
</table>

**History**
- On 2-20-19, Alexander J. Baker submitted the form to the State of Wyoming's Board of Examination of Groundwater for the completion of a well they had constructed.
- The well, located at 12345 Well, was inspected and found to meet the necessary standards for groundwater examination.
- The inspector noted that the well was properly constructed and equipped with a suitable pump and filter system.
- The well was declared safe for use, and the certificate of completion was issued on 2-20-19.

**Certificate of Completion**

The well is now officially recognized as a safe and reliable source of groundwater for use in the area.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: July 15, 1970
Ben D. and Pamela Sheffield
Owner: Ennis, Montana

Contractor (if any): James H. Saunders

Address of Contractor: Ennis, Montana

Date Started: 7-14-70  Date Completed: 7-15-70

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Dug out swamp ground placing
flow of spring into one stream to avoid
building site and permit drainage as well
as to use water for stock water and other
useful purposes.

Signature of Owner: Ben D. Sheffield
Date: January 11, 1971

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent
estimate approximate lengths of periods of use. Quantity is
estimated at 8 statutory inches based on
experience in estimating quantities of water
and not made by measurement. Use is at all
seasons for stock water. Some slight irriga-
tion during irrigation season is contempl-
ated but purposed use is for impound-
ment into pond.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the
works are located.

This form to be prepared by contractor (if any), otherwise by the owner.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.

Date: 12 day of January
A. D. 1971
Hhock 21. M.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: May 15, 1970
Ben D. and Pamela Sheffield
Owner
K. Sheffield
Address
Ennis, Montana

Contractor (if any) James H. Saunders
Address of Contractor
Ennis, Montana

Date Started: 5-10-70
Date Completed: 5-17-70

Describe means of obtaining groundwater without a well “as by
sub-irrigation and other natural processes”. Include depth to
water when applicable. Cleared swampy ground to permit
full drainage of spring in order that the same
may be used for stock water and other beneficial
uses.

Signature of Owner: Ben D. Sheffield
Date: January 71, 1971

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent
estimate approximate lengths of periods of use. Estimate
25 statutory inches. Estimate is based on
experience rather than on measurement. Use
is constant for stock water and some irri-

gate is contemplated during irrigation
season, but ultimate contemplation is im-
pounding in pond.

Indicate point of appropriation
and place of use, if possible.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the
works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 3-5-70

Ben D. and Pamela Sheffield
Address: Ennis, Montana

Owner: Ben D. and Pamela Sheffield
Address: Ennis, Montana

Contractor (if any): Dean Matsick
Address of Contractor: Ennis, Montana

Date Started: 3-5-70
Date Completed: 3-7-70

Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable. By drainage of swamp formed by spring and causing flow of spring in one stream. Intended use to impound waters into pond in the future. Meanwhile, used for stock water.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Statutory inches. Estimate is based on experience in water measurement without use of meter or weir or other device. Use is made at all seasons for stock water.

Signature of Owner: __________________________
Date: January 11, 1971

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

477999
Declaration of Vested Groundwater Rights  
(Declaration or Vested Groundwater Rights)  

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

1. **Lloyd W. Wortman**, of BOX 107, Ennis, State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>S.W.</th>
<th>Sec. 30, T5 S/W</th>
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</thead>
</table>

2. The beneficial use on which the claim is based: **DOMESTIC USE**

3. The date or approximate date of earliest beneficial use, and how continuous the use has been: **APPROXIMATELY 10 YEARS**

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): **20 GALLONS PER MINUTE**

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: **DOMESTIC AND LAWN**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **SMALL PUMP IN CELLAR**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **DATE NOT AVAILABLE**

8. The depth of water table: **ABOUT 10 FEET**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: **WELL ABOUT 50 FT. DEEP AND ABOUT 20 FT. I.D.**

10. The estimated amount of groundwater withdrawn each year: **100,000 GALLONS**

11. The log of formations encountered in the drilling of each well if available: **NOT AVAILABLE**

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: **NO RECORDS AVAILABLE**

---

**Signature of Owner:** Lloyd W. Wortman  
**Date:** 21-3-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.  
If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
26827
RECORDER'S OFFICE
Madison County, Montana
Filed, Dec. 17, 1903

At 4 o'clock

W. L. Hendrick
County Recorder

By

Deputy
<table>
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</table>

Indicate point of appropriation and place of use, if possible.

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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: December 12, 1966
Owner: John Smith
Address: 123 Main St, Helena, MT
Contractor (if any): None
Address of Contractor:

Date Started: October 12; Date Completed: November 12

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes." Include depth to water when applicable:

Bore well equipped andję

Installed Irrigation Natural-Opening water pumped to supply tanks for stock water.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use:

| Quantity of water used: 120,000 gallons per year |
| Pumped for 12 minutes every hour on the hour |

Signatures of Owner: John Smith

Dated: December 21, 1966

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

LLOYD AND MARY L. WORTMAN of BOX 109 ENNIS

(Name of Appropriator) (Address) (Town)

County of MADISON State of MONTANA

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: IRIGATION

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: MAY 1950 YEARLY USE DURING SUMMER

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 750 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 75 ACRES IN SE 1/4 SEC. 26 T. 13 N. W. 6-7-110

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: WELLS SET AT WATER TABLE

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: WELLS STARTED JANUARY 1950 COMPLETED JANUARY 1950

8. The depth of water table: 17 FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: NO水 WELLS

10. The estimated amount of groundwater withdrawn each year: 73,200,000 GALLONS

11. The log of formations encountered in the drilling of each well if available: NOT AVAILABLE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

S. B. WORTMAN

Signature of Owner: December 17, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

STATE OF MONTANA, in and by the State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Lloyd and Mary L. Wortman, of Box 109, Ennis
   (Name of Appropriator) (Address) (Town)
   County of MADISON, State of MONTANA

2. The beneficial use on which the claim is based: IRIGATION

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: MAY 1950 YEARLY USE DURING SUMMER

4. The amount of groundwater claimed (in miner; inches or gallons per minute): 750 GALLONS PER MINUTE

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 50 ACRES IN NE 1/4, SE 1/4, SW 1/4

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: WATER PUMPED, LOCATION SAME AS ABOVE

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: WELL STARTED AND COMPLETED JANUARY 1950

8. The depth of water table: 8 FT.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: A DUG WELL 8' X 8' AND 18 FT. DEEP, BELOW WATER TABLE, EXCAVATION FROM GROUND SURFACE TO WATER TABLE, PUMP SET AT WATER TABLE LEVEL

10. The estimated amount of groundwater withdrawn each year: 48,000 G.

11. The log of formations encountered in the drilling of each well if available: NO, AVAILABLE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

   Signature of Owner: Lloyd Wortman
   Date: December 17, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.